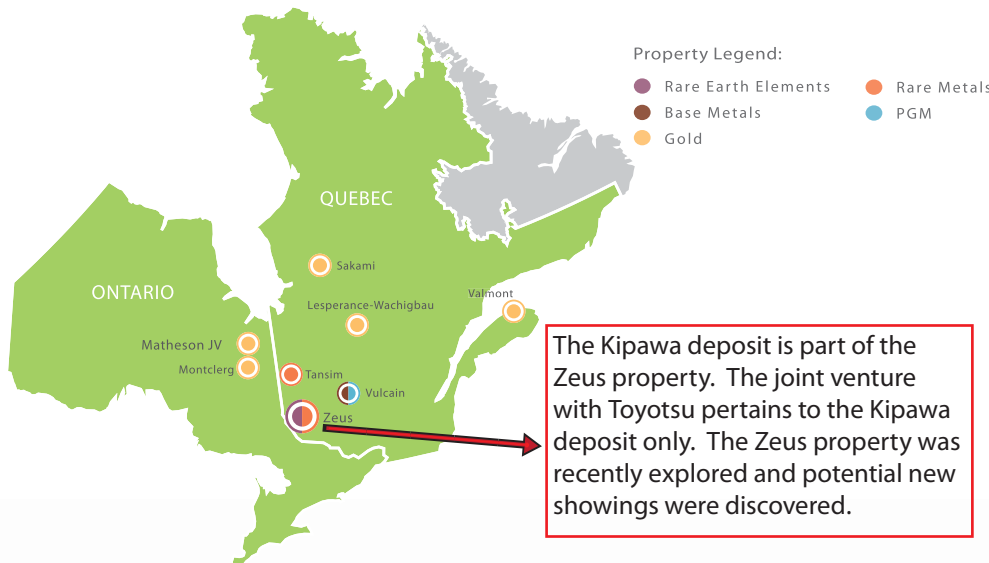


A Heavy Rare Earth Deposit in Quebec

About Matamec

Matamec's exploration strategy is to discover rare metals and gold, base and platinum group metals. Its primary focus is on the development of the Kipawa heavy rare earths deposit and exploration for other rare earths-yttrium-zirconium-niobium-tantalum mineralization on its Zeus property. The goal of Kipawa mine project is to supply heavy rare earths for the production and marketing of hybrid and electric vehicles.



The Kipawa deposit is part of the Zeus property. The joint venture with Toyotsu pertains to the Kipawa deposit only. The Zeus property was recently explored and potential new showings were discovered.

The Kipawa Deposit

Fast-tracking to Production for 2015-2016

A HREE deposit containing the rare elements dysprosium and terbium. There are several other showings with potential on the property. A NI 43-101 preliminary economic assessment study was published on March 15, 2012. A feasibility study began on May 1, 2012. Its publication is expected for Q2 2013.

2012 Project Objectives:

- ✓ PEA Study Filed
- ✓ 1st Mineral Processing and Mini Hydromet Pilot Plants
- ✓ 16,000 Metres Definition Drilling Campaign

2013 Project Objectives:

- Upgrade resource to NI 43-101 Measured Category - Q1 2013
- Ongoing Metallurgical Optimization
- Feasibility Study Completed - Q2 2013
- Environmental and Social Impact Assessment - Q2 2013
- Financial decision - Q4 2013

Market Data (as of March 28, 2013)

Recent share price	\$0.185 CAN \$0.17 US
52 Week Range	\$0.135-0.38 CAN \$0.14-0.36 US
Shares Outstanding	120,300,186
Market Value	\$22.45 Million CAN \$20.45 Million US

Investment Highlights

• **Strategic partnership with Toyotsu** at Kipawa mine for HREE (heavy rare earths) - essential in the supply and marketing of hybrid and electric vehicles for Toyota

• **Toyotsu strategic benefits** provide: strong financial commitment, metallurgical expertise, speed to market and 100% production purchase agreement

• **Excellent location** in Temiscaming, Quebec, with a skilled workforce, proximity to markets and infrastructure

• **Simple recovery process** - 1st open-pit deposit with reliable, known metallurgical process

• **Near-term goals** - feasibility study expected Q2 2013 and production expected for Q4 2015

Management Team

Mr. Andre Gauthier
President and CEO

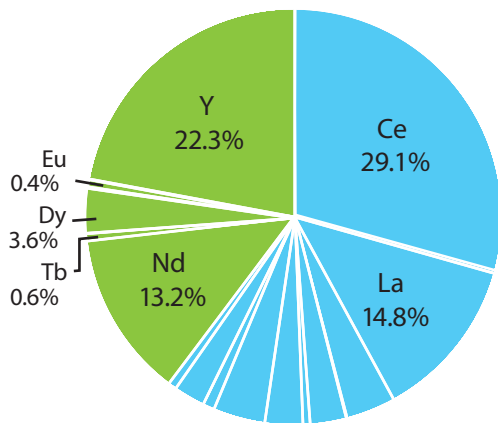
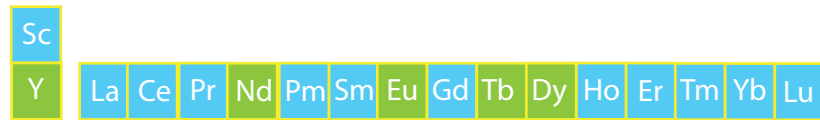
Mr. Bertho Caron
VP Project Management and Construction

Mrs. Aline Leclerc
VP Exploration

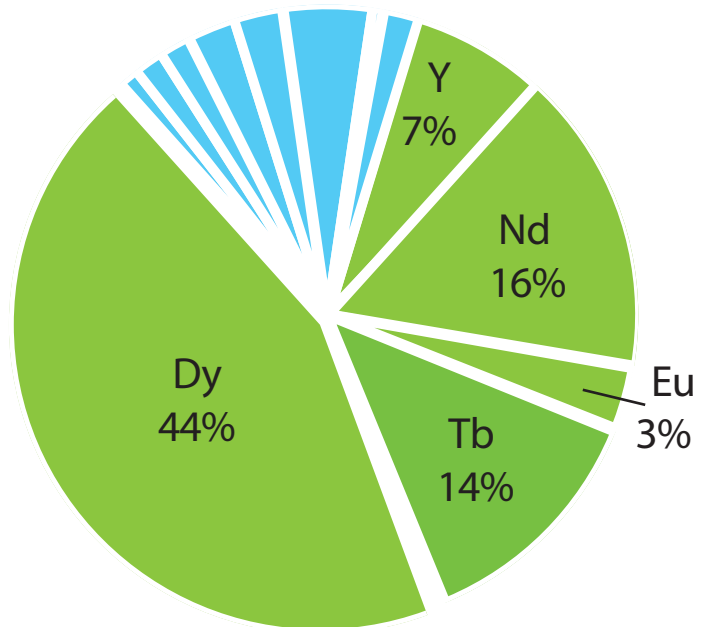
Five Critical Elements for Green Applications

“Several clean energy technologies - including wind turbines, electric vehicles, photovoltaic thin films and fluorescent lighting - use material at risk of supply disruptions in the short term.”

-U.S. DOE 2011 “Critical Materials Strategy”



■ 40% of Matamec’s production will be the 5 critical elements



■ 84% of Matamec’s revenue will be derived from the sale of these 5 critical elements



Without REE supply from China, hybrid and electric vehicles like the Toyota Prius could not be built today

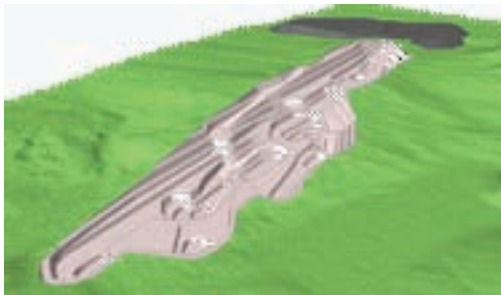
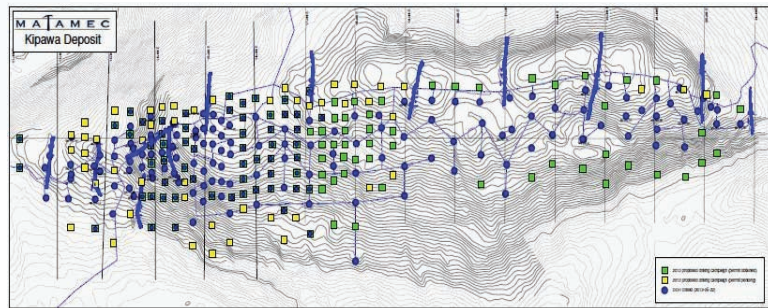
Developing the Kipawa Deposit

A forecasted world shortage of Heavy Rare Earths increases the Kipawa Deposit's competitive edge.



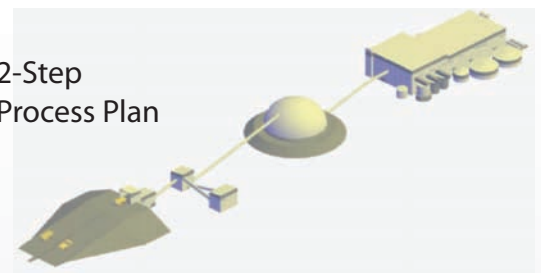
1 Eudialyte-Mosandrite: 90% REE contents

2 Mineral Resources:
19MT @ 0.428% TREO



3 Open Pit - 13 year mine life

4 2-Step Process Plan



5 REE Carbonate



Matamec Strategically positioned to be **1st mover in North America** with production expected in Q4 2015

Matamec Signed a Joint Venture Agreement with Toyotsu Rare Earth Canada, Inc.

Tangibles

- Toyota, a strategic partner
- Only for the Kipawa deposit
- Joint Venture between Toyota (49%) and Matamec (51%) signed in July 2012
- Toyota provided \$8.5M (25%) and \$7.5M (24%) for a NI 43-101 independent bankable feasibility study, of which \$4.88M has been paid to date of the \$7.5M
- Matamec as operator of the joint venture
- Toyota will arrange with Matamec the financing through to production

Intangibles

- Secures a HREE supply for the production and marketing of hybrid and electric vehicles for Toyota
- Mutual collaboration to accelerate the development of the Kipawa HREE deposit
- Technical assistance will be provided by the world wide Toyota network (critical to fast track the project)
- The only rare earth exploration company to have received funds from a Japanese end-user to accelerate and complete a feasibility study
- Toyota plans to launch 21 new hybrid models by 2015

Analyst Coverage

Jon Hykawy, Byron Capital Markets
Louis James, Casey Research
Luisa Moreno, Euro Pacific Canada
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FORWARD LOOKING INFORMATION

Certain statements contained in or incorporated by reference into this document constitute forward-looking statements. Such statements reflect the current views of Matamec Explorations Inc. with respect to future events and are subject to certain risks, uncertainties, and assumptions. Many factors could cause actual results, performance or achievements of Matamec Explorations Inc. that may be expressed or implied by such forward-looking statements to vary from those described herein should one or more of these risks or uncertainties materialize. Matamec Explorations Inc. does not intend, and does not assume any obligation, to update these forward-looking statements.